Fall 2008

CS 241: Introduction to Computer Science II

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CS 241 Computer Programming - II

Fall 2008 - Lecture Section 1

Last Updated: September 8, 2008

Tu & Th 10:25 -11:40 a.m., Allyn Hall 225 (Lecture)
Plus **one** of the following lab sections:

Sect	Time	Day	Room
1	12:10 -2:00 p.m.	Tu	RC152A
2	4:00 – 5:50 p.m.	M	RC152A
3	4:00 – 5:50 p.m.	W	RC152A

Description: A continuation of CS 240. Emphasis is on solving more complex problems using object oriented programming. Prerequisite: CS 240. 4 credit hours.

Instructor: Dr. Ronald F. Taylor, RC 340, 775-5122, ronald.taylor@wright.edu,
office hours: 10:00 – 11:00 a.m. on Monday and Wednesday also 4:00 – 5:00 p.m. on Tuesday and Thursday (other times by appointment).

Teaching Assistant: Mr. Brandon Gump, RC 314, gump.5@wright.edu,
office hours: 10:00 a.m. – noon on Friday (other times by appointment),

Textbook: **Starting Out with Java: From Control Structures through Objects**, 3rd Edition, Tony Gaddis, Addison Wesley, 2008, ISBN-13 978-0-321-47927-3.

Language / IDE: Java 2 Standard Edition 6 (available from java.sun.com)/ NetBeans 6.1 (available from www.netbeans.org or java.sun.com) .

Home Page: http://www.cs.wright.edu/people/faculty/rtaylor/cs241 (available second week)

WebCT: http://wisdom.wright.edu Will be used for grades and submittal of assignments as announced.

Workload / Grading:

4 Programming Assignments	30%
8 Laboratory Exercises	20%
2 Examinations	25%
1 Final Exam	25%

A: 100-90, **B**: less than 90-80, **C:** less than 80-70, **D:** less than 70-60, **F:** less than 60-0.

Policy: No late exams unless verifiable emergency. All work must be your own; sharing of program code will result in a grade of "zero" for all those involved. Official university policy will be followed in cases of academic dishonesty. Don't show others your programs and don't look at someone else's code. However, sharing ideas and general computer skills with others outside of class is encouraged. The instructor considers it important to attend all lectures and lab sessions. You are responsible for material covered in lecture, lab, and the corresponding material in the text.

Programming and Laboratory assignments will be issued in class, through WebCT, course homepage or during the lab sessions. Submit your work on time. Work should be complete, but partial credit is available.

Schedule: See table below. Topics may vary.

Topics to be covered each week are listed, followed by the accompanying chapters in the text as available. Some topics will require supplemental notes which will be made available. Students are expected to read and study the text. If you have questions on the text, please ask. This schedule is subject to change; however, **Exam** dates are firm.

Week	Topics and Exams	Text Readings	Lab Due	Project Assigned
1	Introduction and Java Review	1-5, 8 (review)	None	
2	Start: Classes and Objects	6, 9	1	1
3	Finish: Classes and Objects; Start: Inheritance and Polymorphism	6, 9 11	2	
4	Finish: Inheritance and Polymorphism; **Exam 1: Th Oct 2** (Chap 1-5, 8, 6 and 9)	11	3	2
5	Graphics and GUI Applications	7, 13	4	
6	Event Driven Programming	7,13	5	3
7	Exceptions, Objects and Memory	12	6	
8	Advanced I/O **Exam 2: Th Oct 30** (Chap 11, 7, 13)	12	7	4
9	Recursion	15	8	
10	Threads and Concurrency Course Review	TBD	None	
Finals	**Comprehensive Final Exam** Thursday November 20th 10:45 a.m. – 12:45 p.m.			